## What is claimed is:

1. A subambient pressure air bearing slider comprising:

a slider body defined by a leading edge, an inner and outer edge extending longitudinally along the slider body, and a trailing edge, said slider body including a leading air bearing surface;

a leading portion extending from the leading edge of the slider, said leading portion having a first height lower than a height of said leading air bearing surface; a subambient pressure region extending between the leading portion and between the first and second low-profile members, said low-profile members having a height that is less than the height of said leading air bearing surface.

- 2. The subambient pressure air bearing slider of claim 1 wherein the height of said first and second low-profile members is equal to said first height.
- 3. The subambient pressure air bearing slider of claim 2 wherein said slider is to be used in an ultra low flying height environment for a disk drive.
- 4. The subambient pressure air bearing slider of claim 1 further comprising:
  a trailing air bearing surface including a first rectangular portion facing the leading edge
  of said slider and a second rectangular portion facing the trailing edge of said slider.

- 5. The subambient pressure air bearing slider of claim 4 wherein said second rectangular portion has a width of less than approximately 30 mils.
- 6. The subambient pressure air bearing slider of claim 5 wherein said second rectangular portions has a width of approximately 5 mils.
- 7. The subambient pressure air bearing slider of claim 4 wherein a width of said second rectangular portion is limited to mask alignment tolerances in photolithographic process to manufacture said slider.
- 8. The subambient pressure air bearing slider of claim 4 further comprising:

  a read/write element, wherein said second rectangular portion is disposed over said read/write element.
  - 9. A subambient pressure air bearing slider comprising:

a slider body defined by a leading edge, an inner and outer edge extending longitudinally along the slider body, and a trailing edge, said slider body including

a leading air bearing surface;

a leading portion extending from the leading edge of the slider, said leading portion having a first height lower than a height of said leading air bearing surface;

a subambient pressure region extending between the leading portion and between the first and second low-profile members, said low-profile members having a height that is less than the height of said leading air bearing surface;

at least one side air bearing surface, wherein a placement of said side air bearing surface and a width of said side air bearing surface in the longitudinal direction of the slider are selected to achieve a predetermined flying height sensitivity to crowning in the slider.

- 10. The subambient pressure air bearing slider of claim 9 wherein a width of said side air bearing surface in a latitudinal direction of the slider is selected to achieve a predetermined flying height sensitivity to camber in the slider.
- 11. The subambient pressure air bearing slider of claim 10 wherein said low-profile members are not air bearing surfaces.
- 12. A method of designing a subambient pressure air bearing slider including a slider body defined by a leading edge, an inner and outer edge extending longitudinally along the slider body, and a trailing edge, said slider body including a leading air bearing surface and a leading portion extending from the leading edge of the slider, said leading portion having a first height lower than a height of said leading air bearing surface, the method comprising:

selecting a width, in a longitudinal direction for the slider body, of a side air bearing surface and a position for said side air bearing slider to achieve a predetermined flying height sensitivity to crowning in the slider.

- 13. The method of claim 12 wherein said selecting operation further comprises selecting a width, in the longitudinal direction for the slider body, of a trailing air bearing surface to achieve said predetermined flying height sensitivity to crowning in the slider.
- 14. The method of claim 13 further comprising:
  selecting a width, in a lateral direction for the slider body, of said side air bearing surface to achieve a predetermined flying height sensitivity to camber in the slider.
- 15. The method of claim 14 wherein said flying height sensitivities to crown and camber offset each other for the slider.
- 16. The method of claim 14 further comprising:

  positioning two low-profile members behind said leading air bearing surface and said leading portion to define a subambient pressure region.
- 17. The method of claim 16 wherein said trailing air bearing surface includes a leading rectangular portion and a trailing rectangular portion, the method further comprising: selecting a width, in the lateral direction for the slider body, of said trailing rectangular portion of the trailing air bearing surface to achieve a desired flying height for said slider.